

## DOCKETED

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# VOLKSWAGEN

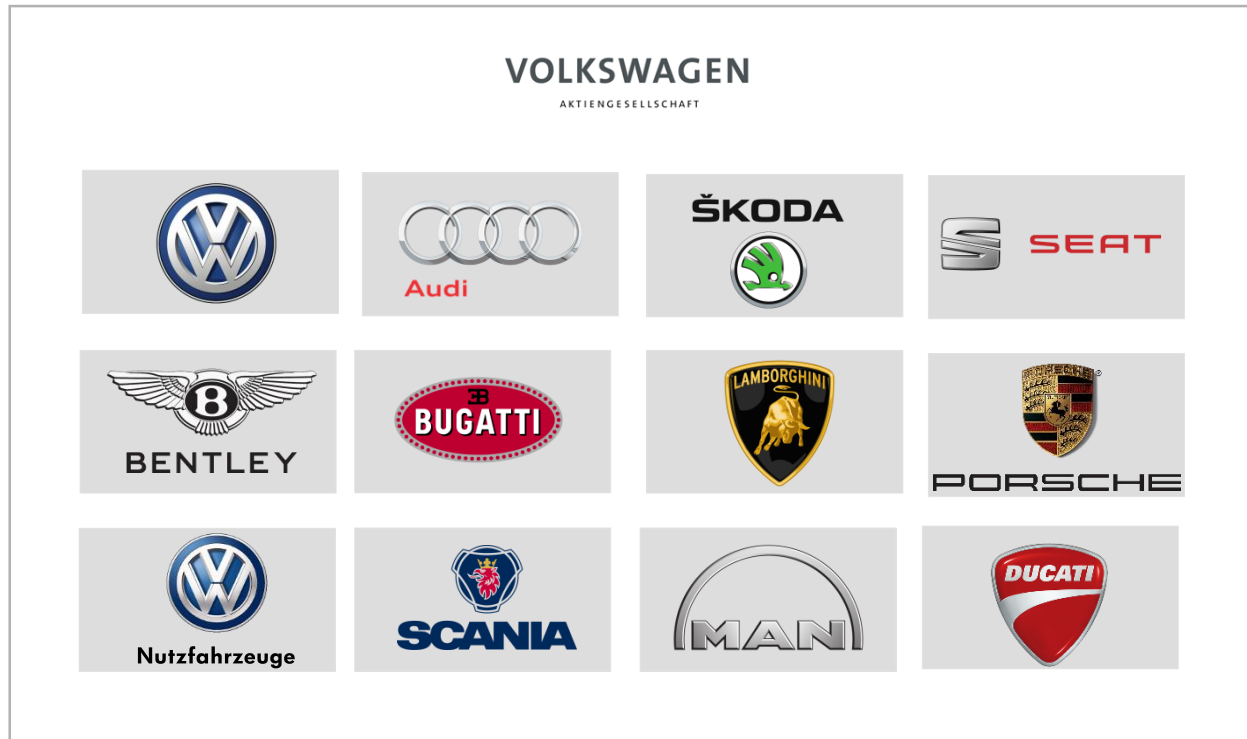
AKTIENGESELLSCHAFT



## **Vehicle-Grid Integration Communications Standards Workshop - Volkswagen Group Statement -**

Sacramento, 07.12.2016

# The Volkswagen Group and it's Brands



# ELECTRIFICATION INITIATIVE AS ONE STRATEGIC PILLAR WITHIN VOLKSWAGEN GROUP'S STRATEGY <<TOGETHER 2025>><sup>1)</sup>



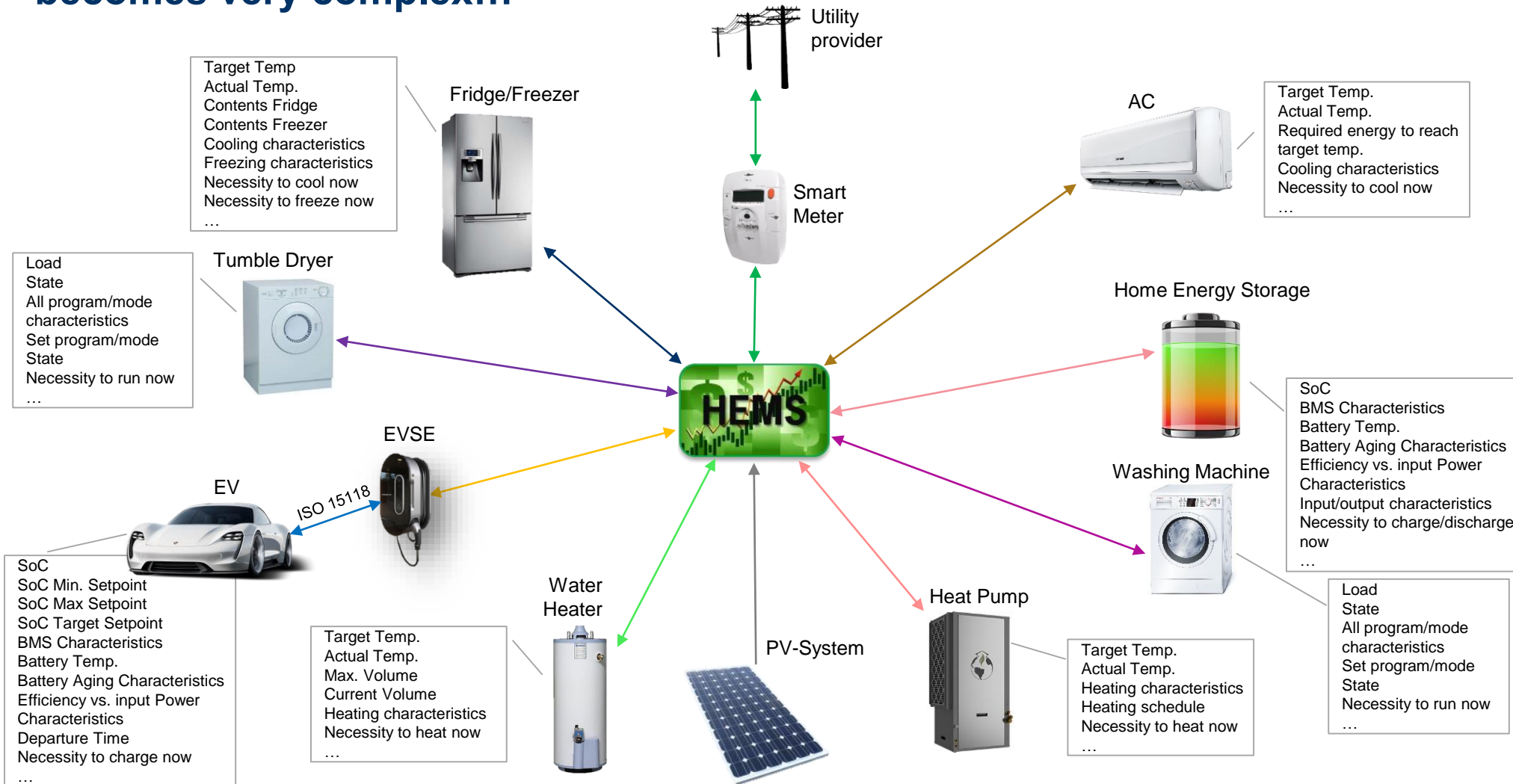
- ◆ Goal: to position Volkswagen Group as driving force behind the expansion of electro-mobility; e-car to become a new hallmark of the Group
- ◆ >30 new pure-electric vehicles by 2025
- ◆ Annual unit sales of 2 to 3 million e-cars by 2025, equivalent to 20-25 percent of total sale



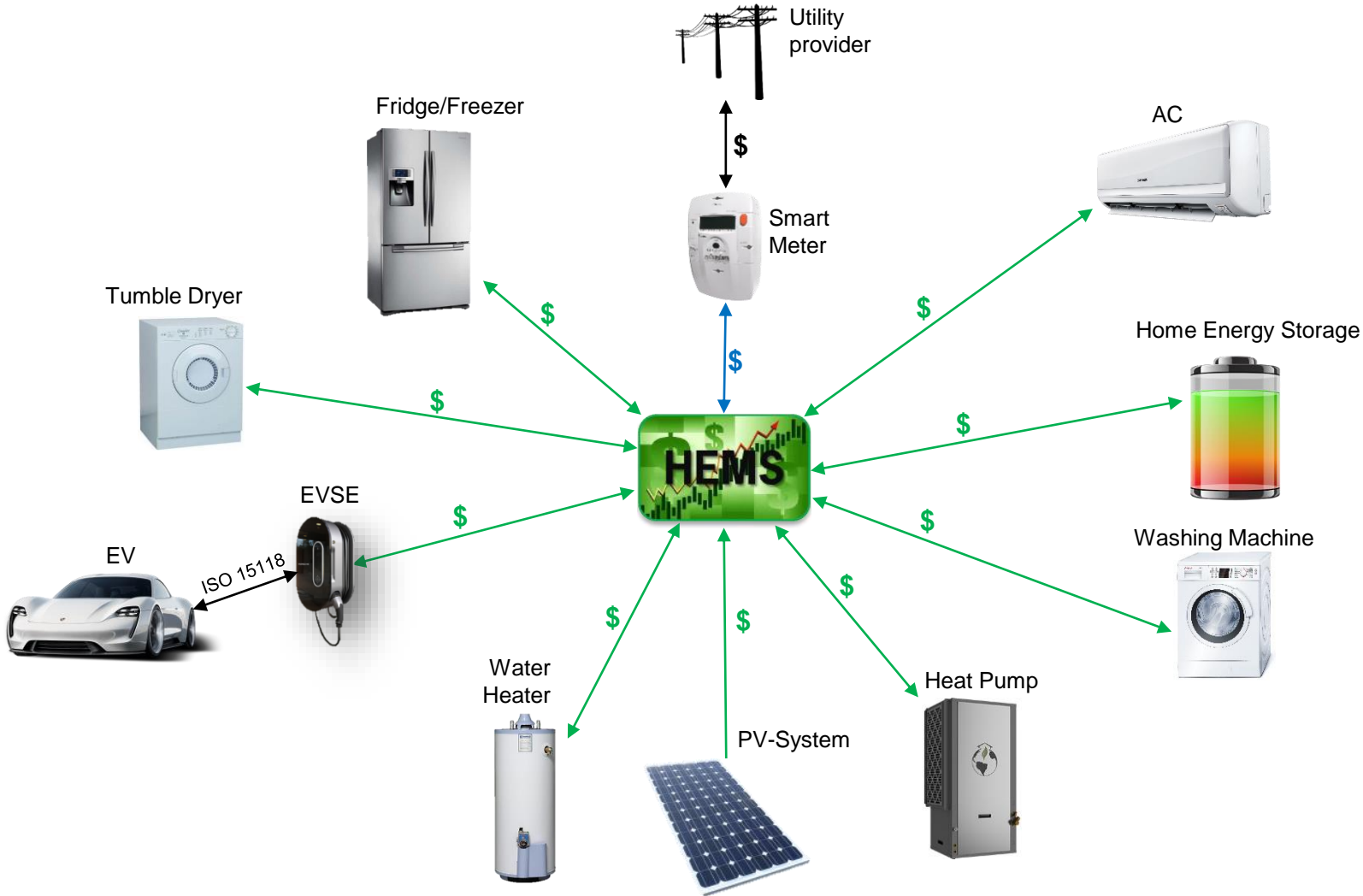
## Electric Vehicle Grid Integration - Official statement from the Volkswagen Group

- ▶ The Volkswagen Group (as part of ccs coalition) fully supports the use of ISO 15118 for AC and DC charging.
- ▶ The ISO 15118 forms the basis for future load management functions (price based).
- ▶ Vehicles are gradually being fitted with ISO 15118.
- ▶ We reject an expansion of PWM-Signals.
- ▶ We see a clear advantage by using ISO/IEC 15118 compared to SEP 2.0

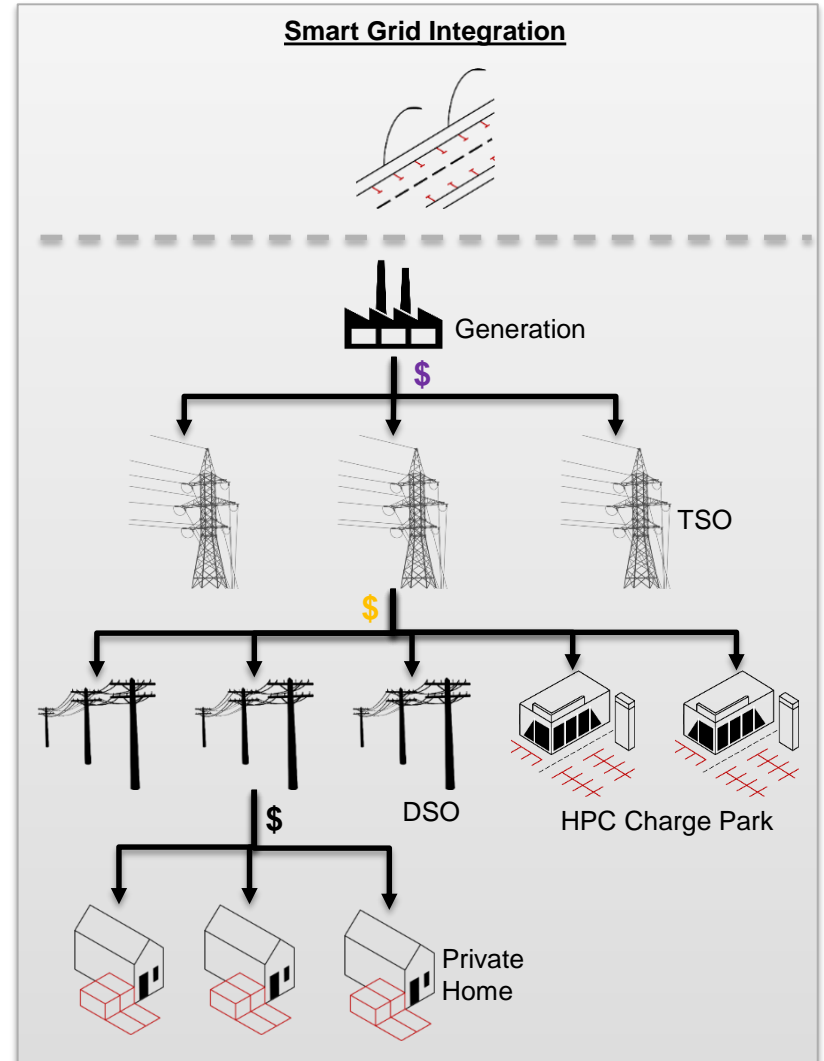
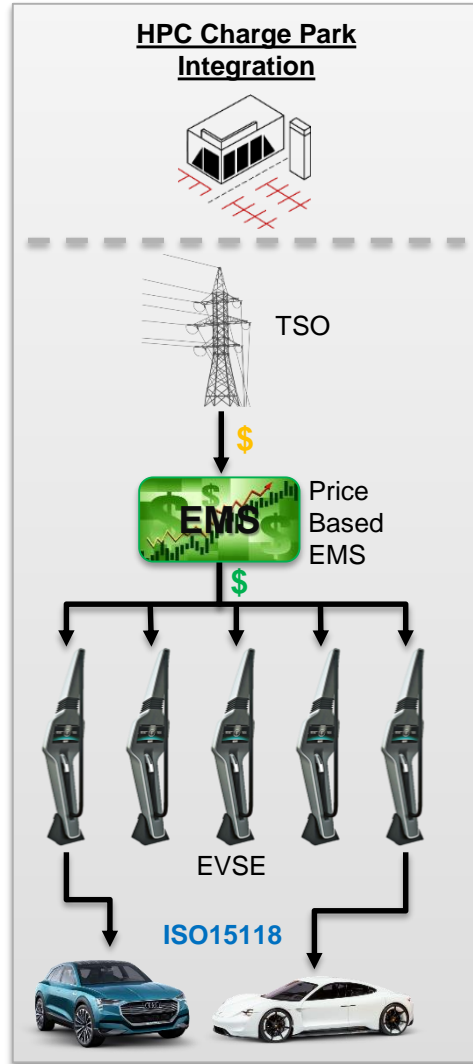
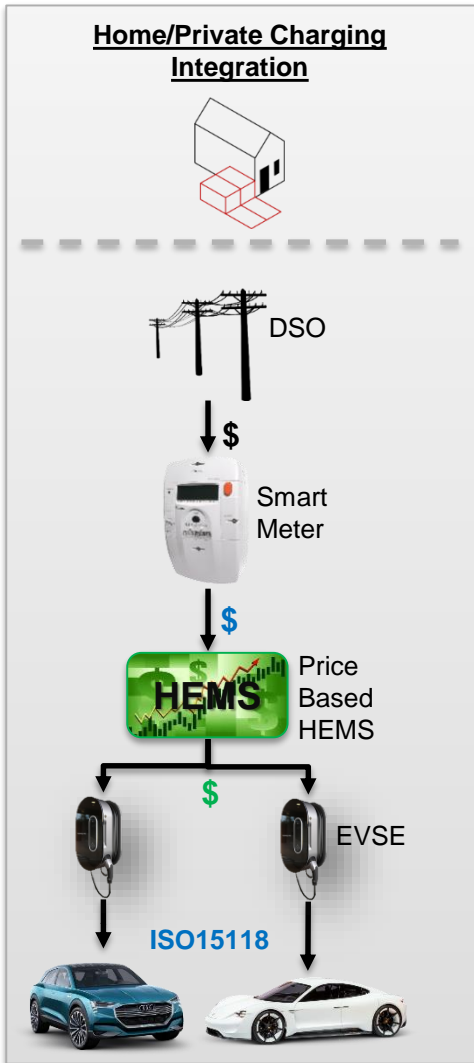
# To consider all customer & device needs, Home Energy Management becomes very complex...



...or we could just use price based incentives!



# ISO15118's price based incentives fully supports Vehicle Integration into Smart Grids





## 1) Disclaimer Volkswagen Group Strategy <<Together 2025>>

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